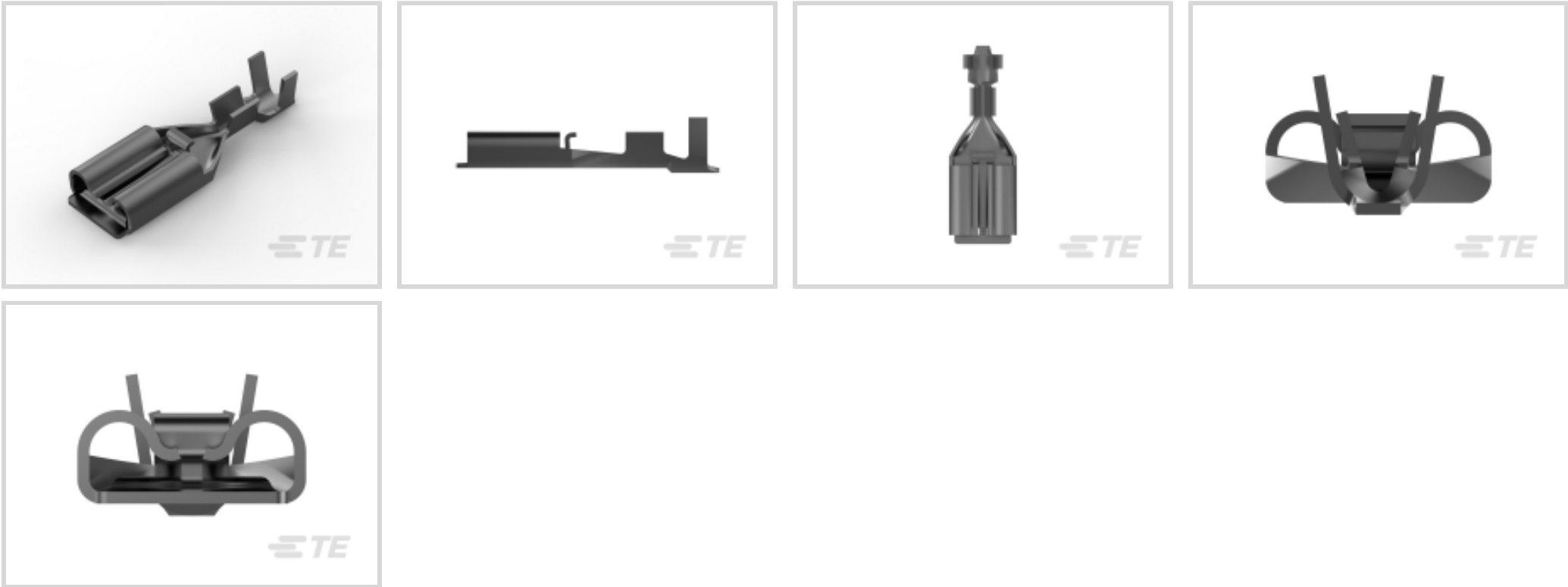




Terminals & Splices > Quick Disconnects



Terminal & Splice Type: **Receptacle**

Wire Size: **.32 – .82 mm²**

Quick Disconnect Mating Tab Width: **6.35 mm [.25 in]**

Quick Disconnect Mating Tab Thickness: **.81 mm [.032 in]**

Features

Product Type Features

Wire Stop	No
Wire/Cable Type	Regular Wire
Terminates To	Wire & Cable
Sealable	No
Insulated	Yes

Configuration Features

Connection Capacity	Single
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Electrical Characteristics

Voltage (Max)	250 V
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Body Features

Fully Insulated	Yes
Quick Disconnect Plating Material	Pre-Tin

Contact Features

Terminal Type	Receptacle
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Terminal & Splice Type	Receptacle
Quick Disconnect Terminal Orientation	Straight
Contact Base Material	Brass
Crimp Type	F-Crimp
Barrel Type	Open

Mechanical Attachment

Wire Insulation Support	With
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Dimensions

Accepts Wire Insulation Diameter Range	1.5 – 3.1 mm[.059 – .122 in]
Overall Length	21.2 mm[.834 in]
Receptacle Terminal Stock Thickness	.41 mm[.016 in]
Wire Size	.32 – .82 mm ²
Quick Disconnect Mating Tab Width	6.35 mm[.25 in]
Quick Disconnect Mating Tab Thickness	.81 mm[.032 in]

Usage Conditions

Insulation Requirement	Fully Insulated
Operating Temperature Range	-40 – 110 °C[-40 – 230 °F]

Packaging Features

Packaging Quantity	5000
Quick Disconnect Packaging Method	Strip/Reel

Product Compliance

For compliance documentation, visit the product page on TE.com>

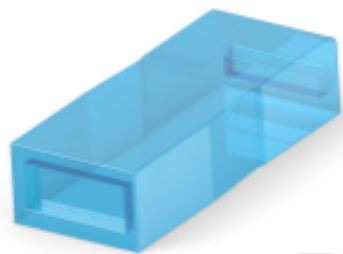
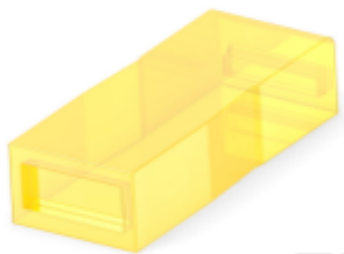
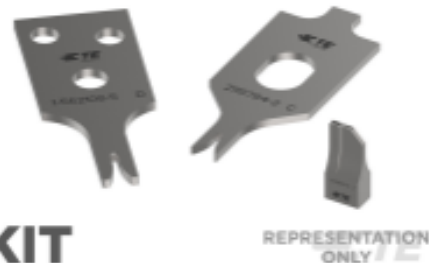
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability



Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts

 TE Part # 174817-1 POSITIVE LOCK 250 (6.3 MM) SLEEVE	 TE Part # 2232343-1 250 PL EX FLAG REC. 18-12AWG PTBR	 TE Part # 174817-2 250 sleeve PL YELLOW transparent	 TE Part # 175022-2 250 POSITIVE REC EX MK-2
 TE Part # 2-2150040-2 OCEAN_2.0_Applicator-E-080F140F	 TE Part # 2150040-2 OCEAN_2.0_Applicator-E-080F140F	 TE Part # 2232343-2 250 PL EX FLAG REC. 18-12AWG PTBR FLAT	 TE Part # 7-2150040-2 OCEAN_2.0_Applicator-E-080F140F
 TE Part # 7-2150040-7 OCEAN_2.0_SPARE_PART_KIT-080F140F	 TE Part # 2391865-1 POSITIVE LOCK 250 (6.3 MM) SLEEVE	 TE Part # 2391865-2 250 sleeve PL YELLOW transparent	

Also in the Series | Positive Lock 250



Automotive Terminals(1)



Crimp Terminal Housings(203)



Insertion & Extraction Tools(3)



Insulation Boots & Sleeves(6)



Quick Disconnects(189)

Customers Also Bought



TE Part #1376393-1
STD Temp Power Key Plug



TE Part #917687-1
STD Temp Signal Double Lock Plug



TE Part #1565086-1
STD Temp GRACE INERTIA Cap



TE Part #1565082-1
STD Temp GRACE INERTIA Plug



TE Part #1565080-1
GRACE INERTIA Tab



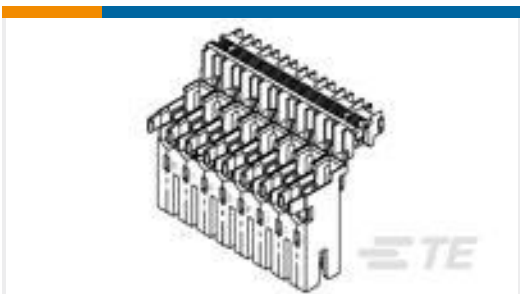
TE Part #1376476-1
Signal Double Lock Receptacle



TE Part #1-1740533-3
AMP DUOPLUG POW CONNECTOR



TE Part #1376477-4
2.5MM PITCH SIGNAL MATE CONN



TE Part #1-282047-1
AMP MONO-SHAPE P.C.B.CONN7P.
GL



TE Part #1-178708-1
187 SLEEV PL EX FLAG NAT

Documents



Product Drawings

250 PL EX REC. 22-18AWG PTBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_175020-1_H_c-175020-1-h.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_175020-1_H_c-175020-1-h.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_175020-1_H_c-175020-1-h.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Application Specification

English

Product Environmental Compliance

MD_175020-1_11162018853_dmtec

English

MD_175020-1_11162018853_dmtec

English

Instruction Sheets

Instruction Sheet (non U.S.)

English

POSITIVE LOCK EX CONTACT

English

Agency Approvals

Agency Approval Document

English